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Jameco Part Number 216881 (SLW05A-15)

MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

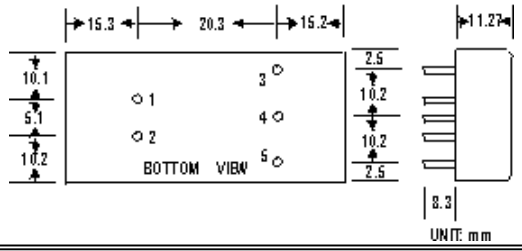
SLW05A SERIES

- .2:1 WIDE INPUT RANGE
- .REGULATED DC OUTPUT
- .1000VDC I/O ISOLATION
- .3000VDC ISOLATION IS AVAILABLE
- .INPUT PI NETWORK FILTER
- .INDUSTRY STANDARD PACKAGE
- .NO EXTERNAL COMPONENTS REQUIRED
- .HIGH PERFORMACE / LOW PRICE
- .SHORT CIRCUIT PROTECTION
- .100% BURN-IN TEST
- .1 YEAR WARRANTY
- .MTBF:500,000 HOURS



MODEL / SPECIFICATION	SLW05A-05	SLW05A-09	SLW05A-12	SLW05A-15
DC OUTPUT VOLTAGE	5V	9V	12V	15V
OUTPUT VOLTAGE ACCURACY	±2%			
OUTPUT RATED CURRENT	1000mA	556mA	417mA	333mA
OUTPUT CURRENT RANGE	0-1000mA	0-556mA	0-417mA	0-333mA
RIPPLE & NOISE	100mVp-p (max.)			
LINE REGULATION	± 0.2%	±0.2%	±0.2%	±0.2%
LOAD REGULATION	± 1%	± 1%	± 1%	± 1%
DC OUTPUT POWER	5W	5W	5W	5W
EFFICIENCY	75%	80%	80%	81%
SWITCHING FREQUENCY	50KHz min.			
INPUT VOLTAGE RANGE	9~18VDC			
INPUT CURRENT	556mA max.			
SHORT CIRCUIT PROTECTION	CONTINOUS			
OVER VOLTAGE PROTECTION	----------			
TEMP. COEFFICIENT	±0.02% / °C (0~50°C)			
ISOLATION VOLTAGE	I/P-O/P:1KVDC MIN.			
ISOLATION RESISTANCE	I/P-O/P:500VDC / 100M Ohms MIN.			
ISOLATION CAPACITANCE	---------			
WORKING TEMP., HUMIDITY	-15°C~+60°C, 20%~90% RH (NO DERATING); 80% LOAD @ 71°C			
STORAGE TEMP., HUMIDITY	-25°C~+85°C, 10%~95% RH			
DIMENSION	2"*1"*0.44"			
WEIGHT	31g			
CASE METERIAL	FIVE-SIDED SHIELD METAL CASE			

MECHANISM AND PIN CONFIGURATION



Pin no.	Output
1	+Vin
2	-Vin
3	+Vout
4	No Pin
5	GROUND

NOTE :
1. ALL PARAMETERS ARE SPECIFIED AT RATED INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.
2. RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
3. LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
4. LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.

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